Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/CHOU/ M10

Date: 25/12/2020

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M10**

Table1.1

SI No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	12th Cross Road LHS and RHS PCC for Drain	18.12.2020	25.12.2020	8.23	7	180.00	8.00	7.96
2		"	"	8.21	"	165.00	7.33	
3		"	"	8.62	"	172.00	7.64	
4		"	"	8.42	"	186.00	8.27	
5		"	"	8.75	"	176.00	7.82	
6		"	"	8.20	"	195.00	8.67	

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/CHOU/ RAFT M20 Date: 28/12/2020

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	12th Cross Road LHS and RHS Drain Raft Concrete M20	21.12.2020	20.12.2020	8.41	7	342.00	15.20	16.21
2		"	"	8.20	"	333.00	14.80	
3		"	"	8.36	"	365.00	16.22	
4		"	"	8.32	"	373.00	16.58	
5		"	"	8.55	"	384.00	17.07	
6		"	"	8.35	"	392.00	17.42	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/CHOU/ SIDE WALLS Date: 29/12/2020

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)
Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".
Ref: Material Testing/PMC/20-21
Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.
Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	12th Cross Road LHS and RHS Drain Raft Concrete M20	22.12.2020	29.12.2020	8.52	7	350.00	15.56	16.13
2		"	"	8.61	"	374.00	16.62	
3		"	"	8.42	"	345.00	15.33	
4		"	"	8.66	"	366.00	16.27	
5		"	"	8.41	"	380.00	16.89	
6		"	"	8.20	"	362.00	16.09	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/CHOU/ SIDE WALLS Date: 19/01/2021

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	12th Cross Road LHS and RHS Drain Raft Concrete M20	22.12.2020	19.01.2021	8.52	28	485.00	21.56	21.48
2		"	"	8.36	"	459.00	20.40	
3		"	"	8.45	"	478.00	21.24	
4		"	"	8.40	"	468.00	20.80	
5		"	"	8.50	"	510.00	22.67	
6		"	"	8.28	"	500.00	22.22	

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHOU/ Kerb

Date: 21/01/2021

KerbStone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M15**
Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1
Dia of Specimens: 50 mm =D

SL No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength-N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
1.	78	.354	2311.4	1.56	.960	26.3	13.39	14.47	13.39	17.39
2.	80	.368	2342.7	1.60	.960	26.3	13.39	14.47	13.39	17.34
3.	82	.382	2372.5	1.64	.960	25.10	12.78	13.81	13.25	16.60

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/CHOU/ TMT steel

Date: 20/12/2020

Physical Properties of Steel: Test Report

Sub: Testing Of TMT Steel Reinforcement of Grade Fe-500

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF PHYSICAL PROPERTIES OF TMT STEEL

SPECIMENS 8,10 AND 12 MM DIA

Grade Of Steel: **Fe 500.**
Technical Ref: IS.1786:2008, IS 1608:2005, IS 1599:1985(Reaffined-2006).

Table 1.1

SL No	Grade	Nominal Size of Rebar (Dia)	Mass (KG/meter)	Tensile Strength		
				20% Proof Stress / Yeild Stress (N/mm2)	Tensile Strength (N/mm2)	Elongation Percent on gauge Length
1.	Fe 500	8 mm	.33	540	541	13.20
2.	Fe 500	10mm	.65	545	558	14.15
3.	Fe 500	12mm	.89	560	575	15.15

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/CHOU/DRN. Slab Date: 18/01/2021

Precast Drain Slab 100mm Thick (Core Cutting Method) Test Report

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**
Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1
Dia of Specimens: 50 mm =D

SL No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength - N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
1.	78	.355	2317.9	1.56	.960	34.5	17.57	18.98	18.22	22.76
2.	80	.368	2342.7	1.60	.960	35.6	18.13	19.58	18.80	23.51
3.	82	.382	2372.5	1.64	.960	33.2	16.91	18.26	17.53	21.91

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/CHOU/CUL. Slab

Date: 20/01/2021

Precast Culvert Slab 250mm Thick (Core Cutting Method) Test Report

Sub: Testing of Culvert Slab of 250mm Thick (Core Cutting Method) – Compressive Strength).

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**
Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 100 mm =D

SL No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength - N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavent Cube Compressive Strength
1.	170	3.118	2335.2	1.70	.960	142.5	18.14	19.60	18.81	23.51
2.	173	3.231	2377.9	1.73	.960	138.6	17.65	19.06	18.30	22.87
3.	175	3.291	2394.4	1.75	.960	140.3	17.86	19.29	18.52	23.15

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Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

Date: 10-06-2020

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Water absorption, %	0.42 %	Not more than 2.0 %
2.	Liquid Limit, %	18.36	Not more than 25.0 %
3.	Plasticity Index, %	NP	Not more than 6.0 %
4.	Moisture Content, %	6.45	----------
5.	Aggregate Impact Value, %	28.76	Not more than 40.00 %

ಸಹಾಯಕ ಆಯುಕ್ತರಾದ ಆಯುಕ್ತರವರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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